

PROCESSING FACILITY

25X

PROCESSING FACILITY ENGINEER

Technical Skills - one or more of the following:

- a. digital to analog conversion
- ✓ b. laser/modulator equipment
- ✓ c. small optics including scanning mirrors and mechanical equipment
- d. film transport subsystems
- ✓ e. scale, gamma, quality, dynamic range, processing of film

Professional Interests

- a. Current technology and advanced developments
- b. Reduction to practice of theoretical concepts
- c. Application of techniques to specific requirements
- d. Achievement of goals within cost and schedule limits

Project Assignment

Monitor contractor activities in developing a laser write-out device capable of accepting high rate digital data, converting that data to analog signals and generating high quality hard copy images. Generate specifications for the equipment compatible with system characteristics and final product requirements. Evaluate hardware performance and establish limitations compatible with user needs.

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SECRET

SYSTEMS ANALYSIS ENGINEER

Technical Skills

- a. PI experience
- b. Knowledge of all types of PI reporting
- c. Familiarity with all types of PI equipment
- d. Knowledge of overall exploitation process

Professional Interests

- a. Operation of collection systems as they relate to intelligence product
- b. Trade offs to achieve improvement in overall system operation
- c. Evaluation and application of advanced or new techniques

Project Assignment

Become familiar with all aspects of the project. Participate in contractor activities. Evaluate system trade offs and growth requirements. Provide liaison between project and NPIC. Provide guidance to development of project performance specifications.

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